



Substitute for form 1449
U.S. PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	ONE	of	THREE	Attorney Docket Number	MBM1420
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Complete If Known

Application Number	09/509,433
Filing Date	July 7, 2005
First Named Inventor	Robin Walter Mills
Art Unit	2885
Examiner Name	I. Negron

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Document Number Number - Kind Code* (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5474449	1995-12-12	Loge et al.	
		4822335	1989-04-18	Kawai et al.	
		5169632	1992-12-08	Duell et al.	

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	2	EP 0 116 405 A1	1984-08-22	Co-Steel International Limited		
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	5	EP 0 672 435 A1	1995-09-20	Amron Ltd.		
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	9	CA 2 190 225	1997-06-23	Canada		
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	18	WO 01/14012 A1	2001-03-01	Thomas Russell		
	19	WO 00/15296 A1	2000-03-23	Light Sciences Limited Partnership		
	20	WO 00/02491 A1	2000-01-20	Harth et al.		
	21	WO 83/01311 A1	1983-04-14	Quentron Optics Pty. Ltd.		
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/Ismael Negron/

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Sheet TWO of THREE

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/IN/	30	WO 97/36552 A1	1997-10-09	Nulite Systems International Pty. Ltd.	
	31	WO 97/37722 A1	1997-10-16	Bagraev et al.	
	32	WO 97/46279 A1	1997-12-11	Biolight Patent Holding AB	
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/IN/	1	LumiLeds Lighting LLC, <u>Lumen Maintenance of White Luxeon™ Power Light Sources</u> , Application Brief AB07, LumiLeds Lighting, US LLC	
	2	LumiLeds Lighting LLC, <u>Application Breif AB20-5, replaces AN1149-5, Secondary Optics Design Considerations for Super Flux LEDs</u> , Copyright© 2002 LumiLeds Lighting, Publication No. AB20-5	
	3	BURGESS, JOHN et al., <u>An Evaluation of Four Light-curing Units Comparing Soft and Hard Curing</u> , Pract. Periodont. Aesthet. Dent. 11(1), 125-132, 1999	
	4	FELTZER, A.J. et al., <u>Influence of Light Intensity on Polymerization Shrinkage and Integrity of Restoration-cavity Interface</u> , Eur. J. Oral Sciences, 103, 322-326, 1995	
	5	KANCA, III, JOHN et al., <u>Pulse Activation:Reducing Resin-Based Composite Contraction Stresses at the Enamel Cavosurface Margins</u> , Am. J. of Dentistry, 12(3), 107-112, 1999	
	6	KATO, HIROMASA, <u>Relationship Between the Velocity of Polymerization and Adaption to Dentin Cavity Wall of Light-Cured Composite</u> , Dental Materials J. 6(1), 32-37, 1987	
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/IN/	8	MAYES, JOE H., <u>Curing Lights; An Overview</u> , Ormco, vol. 9, No. 2, 2000, pg. 15-17	

/Ismael Negron/

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				Examiner Name	I. Negron
				Attorney Docket Number	MBM1420

/IN/	9	MEHL, A. et al., <u>Physical Properties and Gap Formation of Light-Cured Composites With and Without 'Softstart-Polymerization'</u> , J of Dentistry, 25, 321-330, 1997	
	10	SAKAGUCHI, RONALD L. et al., <u>Reduced Light Energy Density Decreases Post-Gel Contraction While Maintaining Degree of Conversion in Composites</u> , J. of Dentistry, 26, 695-700, 1998	
	11	SCHLAGER, KENNETH J., et al., <u>An LED-Array Light Source for Medical Therapy</u> , SPIE Vol. 1892, Medical Lasers and Systems II, p. 26-35, 1993	
	12	SWIFT JR., EDWARD et al., <u>Contemporary Photocuring Issues, Part II</u> , J. Esthetic Dentistry, 12(1), 50-57 2000	
/IN/	13	TARLE, Z. et al., <u>The Effect of the Photopolymerization Method on the Quality of Composite Resin Samples</u> , J. of Oral Rehab, 25, 436-442, 1998	

Examiner Signature	/Ismael Negron/	Date Considered	06/08/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English Language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450; Alexandria, VA 22313-1450.

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